

Title (en)
POLISHING AGENT FOR SYNTHETIC QUARTZ GLASS SUBSTRATE

Title (de)
REINIGUNGSMITTEL FÜR EIN SYNTHETISCHES QUARZGLASSUBSTRAT

Title (fr)
AGENT DE POLISSAGE POUR SUBSTRAT DE VERRE DE QUARTZ SYNTHÉTIQUE

Publication
EP 2289667 A1 20110302 (EN)

Application
EP 09762368 A 20090527

Priority

- JP 2009059676 W 20090527
- JP 2008152899 A 20080611
- JP 2008152924 A 20080611
- JP 2008152940 A 20080611
- JP 2008152964 A 20080611

Abstract (en)
Disclosed is a polishing agent for synthetic quartz glass substrates, which is characterized by containing a colloidal solution of a colloidal silica or the like having a colloid concentration of 20-50% by mass, and a polycarboxylic acid polymer, an acidic amino acid, a phenol or a glycosaminoglycan.

IPC 8 full level
B24B 37/00 (2006.01); **C03C 19/00** (2006.01); **C09G 1/02** (2006.01); **C09K 3/14** (2006.01); **H01L 21/321** (2006.01)

CPC (source: EP US)
B24B 1/00 (2013.01 - EP US); **B24B 37/00** (2013.01 - EP US); **B24B 37/0056** (2013.01 - EP US); **C03C 15/02** (2013.01 - US); **C03C 19/00** (2013.01 - EP US); **C09G 1/02** (2013.01 - EP US); **C09G 1/04** (2013.01 - US); **C09K 3/1454** (2013.01 - US); **C09K 3/1463** (2013.01 - US); **C09K 13/02** (2013.01 - US); **C09K 13/06** (2013.01 - US)

Cited by
JP2016191952A

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CH DE FR GB LI

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
US 2010243950 A1 20100930; CN 101821058 A 20100901; EP 2289667 A1 20110302; EP 2289667 A4 20120111; EP 2289667 B1 20190626; KR 101548756 B1 20150831; KR 20110026406 A 20110315; MY 155533 A 20151030; TW 201002795 A 20100116; TW I557195 B 20161111; US 2015021292 A1 20150122; US 9919962 B2 20180320; WO 2009150938 A1 20091217

DOCDB simple family (application)
US 67805809 A 20090527; CN 200980100696 A 20090527; EP 09762368 A 20090527; JP 2009059676 W 20090527; KR 20107006926 A 20090527; MY PI20101060 A 20090527; TW 98119423 A 20090610; US 201414511065 A 20141009